

# Contents

## Chapters

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## **List of Abbreviations**

1. bcm- Billion Cubic Meter.
2. BIS- Bureau of Indian Standards.
3. BOD- Biological Oxygen Demand.
4. BAT- Best Available Technology.
5. B.F- Blast Furnace.
6. BOF- Basic Oxygen Furnace.
7. CPCB- Central Pollution Control Board.
8. CREP- Corporate Responsibility on Environment Protection.
9. COBP-Coke Oven by Products.
10. COD-Chemical Oxygen Demand.
11. CETPs-Common Effluent Treatment Plants.
12. CSIR- Council of Scientific & Industrial Research.
13. DCW - Direct Cooling Water.
14. EAF- Electric Arc Furnace.
15. ETPs- Effluent Treatment Plants.
16. F/M Ratio- Food to Micro-organism Ratio.
17. F.U- Functional Unit.
18. HCB- Hexachlorobenzene.
19. HCN- Hydrocyanide.
20. Hood-S/W - Hood Circuit Soft Water.
21. ILR- Inter Linking Of River Projects.
22. IISI- Integrated Iron Steel Industry.
23. ICW - Indirect Cooling Water
24. JSR- Jamshedpur.

25. Lance-S/W - Lance Circuit Soft Water.
26. MF – Microfiltration.
27. MBRs- Membrane Bioreactors.
28. NTU- Nephelometric Turbidity Unit.
29. NF – Nanofiltration.
30. NML – National Metallurgical Laboratory.
31. O/H - Over Head Tank.
32. OpO4 - Ortho Phosphate
33. RBC- Rotating Biological Contractor.
34. RCPH - Recirculating Pump House.
35. R.O- Reverse Osmosis.
36. SPCB- State Pollution Control Boards.
37. STP- Sewage Treatment Plant.
38. SRT- Sludge Retention Tank.
39. S/C - Slab Caster.
40. TOF - Thickner or Clarfied Water Overflow.
41. UN- United Nation.
42. UF – Ultra filtration.
43. VOCs-Volatile Organic Carbons.
44. WWTP- Waste Water Treatment Plant.

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